

Converting Colors

CIELCh(36, 67.700, 341.172)

Have a look what the booklet for
CIELCh(36, 67.700, 341.172)
contains.

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Color

CIELCh(36, 67.733, 341.102)

Conversions

Conversions Part 1

Format	Color
Hex	A10179
RGB	161, 1, 121
RGB Percent	63%, 0%, 47%
CMY	0.3680, 0.9944, 0.5249
CMYK	0.00, 0.99, 0.25, 0.37
HSL	315°, 98%, 32%
HSV	315°, 99%, 63%
XYZ	18.2054, 9.0082, 18.9138
YIQ	62.5200, 56.8400, 71.2400

Conversions

Conversions Part 2

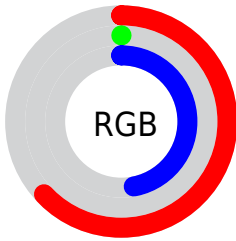
Format	Color
RYB	161, 1, 121
Decimal	10551673
CIELab	36.00, 64.08, -21.94
CIELCh	36, 67.733, 341.102
Yxy	9.0082, 0.3947, 0.1953
Android (android.graphics.Color)	4288741753 (0xFFA10179)
YUV	62.5200, 28.8306, 86.3670
Hunter-Lab	30.0136, 55.7493, -16.3535

Details

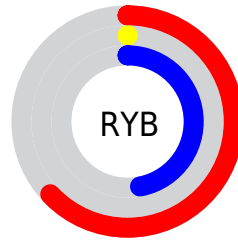
The CIELCh color **36, 67.733, 341.102** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **58, 76.984, 140.085**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 68.114, 341.013**, and **22, 48.007, 344.277** is the 20% darker color. If you saturate the color by 10%, you get **36, 67.821, 341.223**, and if you desaturate by 10%, it is **37, 66.551, 339.755**.

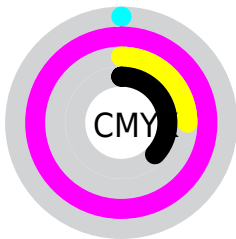
Distribution



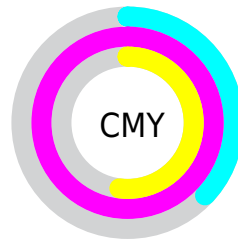
- Red (63%)
- Green (0%)
- Blue (47%)



- Red (63%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (99%)
- Yellow (25%)
- Black (37%)





- Cyan (37%)
- Magenta (99%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 67.733, 341.102 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 36, 67.733, 341.102 by changing the saturation by 10% instead.


 36, 67.733,
341.102


 36, 67.733,
341.102

 100, 67.733,
341.102


 26, 67.733,
341.102

 56, 67.733,
341.102


 16, 67.733,
341.102


 66, 67.733,
341.102

 6, 67.733, 341.102

 76, 67.733,
341.102

 0, 67.733, 341.102

 86, 67.733,
341.102

 96, 67.733,
341.102

■ 36, 67.733,
341.102

■ 36, 67.733,
341.102

■ 36, 67.821,
341.223

■ 37, 66.551,
339.755

■ 38, 63.682,
338.579

■ 41, 58.868,
337.559

■ 43, 52.389,
336.648

■ 46, 44.649,
335.813

■ 50, 36.062,
335.033

■ 54, 26.986,
334.294

■ 58, 17.697,

333.590

■ 62, 8.393, 332.907

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36, 67.733, 341.102



58, 76.984, 140.085

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36, 67.733, 341.102



36, 67.733, 31.102



36, 67.733, 161.102



36, 67.733, 211.102

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36, 67.730, 341.102



68, 34.361, 334.399



20, 92.285, 307.785



34, 23.358, 334.687



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36, 67.730, 341.102



47, 82.035, 341.535



34, 63.245, 24.400



32, 5.262, 332.918



32, 62.973, 341.080



1, 7.825, 334.457

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36, 67.730, 341.102



47, 82.035, 341.535



59, 46.684, 166.472



32, 5.262, 332.918



32, 62.973, 341.080



1, 7.825, 334.457

Previews

White Background



This preview shows how the CIELCh color 36, 67.733, 341.102 looks on a white background.

Color Contrast Check

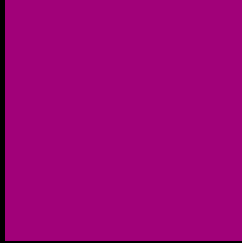
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 36, 67.733, 341.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

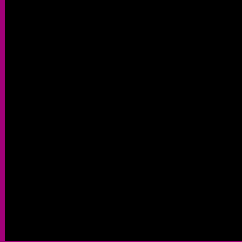
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 67.733, 341.102

Background



This preview shows how black text looks on a background with the CIELCh color 36, 67.733, 341.102.



This preview shows how white text looks on a background with the CIELCh color 36, 67.733, 341.102.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36, 67.733, 341.102

Protanopia

37, 53.707, 286.779

Deuteranopia

37, 16.711, 287.733



Tritanopia
37, 50.994, 28.520

Trichromacy



Original Color
36, 67.733, 341.102

Protanomaly
31, 62.132, 305.609

Deuteranomaly
33, 42.406, 324.558

Tritanomaly
36, 53.677, 6.612

Monochromacy



Original Color
36, 67.733, 341.102

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 34.976, 336.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 67.733, 341.102 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(161, 1, 121)` looks like.

```
.text, #text, p{  
    color:rgb(161, 1, 121)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(161, 1, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 1, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 67.733, 341.102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 1, 121) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(161, 1, 121) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(161, 1, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 1, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 1, 121);  
box-shadow:4px 4px 4px 4px rgb(161, 1,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 67.733, 341.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 1, 121) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(161, 1,  
121) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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